



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: McGill et al. GROUP: 2811  
SERIAL NO: 10/632,442 EXAMINER: Unknown

FILED: 08/01/2003

FOR: YELLOW-GREEN EPITAXIAL TRANSPARENT SUBSTRATE-LEDs  
AND LASERS ON A STRAINED-INGAP QUANTUM WELL GROWN  
ON AN INDIRECT BANDGAP SUBSTRATE

Mail Stop DD  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

**INFORMATION DISCLOSURE STATEMENT**

In compliance with 37 C.F.R. §§1.56, 1.97, and 1.98, Applicant submits copies of the documents listed on the attached Form PTO-1449.

The listed documents were recently cited in a corresponding PCT application, and a copy of the International Search Report is being submitted herewith for purposes of convenience.

The Commissioner is authorized to charge Deposit Order Account No. 19-0079 for any further fee that is required.

Respectfully submitted,

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Mail Stop DD, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Emily C. Morell

02/24/2004  
Date

FORM PTO-1449 SAMUELS, GAUTHIER & STEVENS LLP  
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ATTORNEY DOCKET NO.

10/632,442  
SERIAL NO.

APPLICANT: McGill et al.

GROUP: 2811

FILING DATE: August 1, 2003

EXAMINER: Unknown

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE       | NAME          | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|--------------------|------------|---------------|-------|----------|-------------------------------|
|                     | AA | 2001/0028061       | 10/11/2001 | Hosoba et al. |       |          | 03/29/2001                    |
|                     | AB | 6,108,360          | 08/22/2000 | Razeghi       |       |          | 06/06/1997                    |
|                     | AC |                    |            |               |       |          |                               |
|                     | AD |                    |            |               |       |          |                               |
|                     | AE |                    |            |               |       |          |                               |
|                     | AF |                    |            |               |       |          |                               |
|                     | AG |                    |            |               |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES NO |
|---------------------|----|--------------------|------|---------|-------|----------|-----------------------|
|                     | AH |                    |      |         |       |          |                       |

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

| EXAMINER<br>INITIAL |    |   |
|---------------------|----|---|
|                     | AI | "Evolution of microstructure and dislocation dynamics in $\text{In}_x\text{Ga}_{1-x}\text{P}$ graded Buffers grown on GaP by metalorganic vapor phase epitaxy: engineering device-quality substrate materials," Kim et al. <i>J. Vac. Sci. Technol. B.</i> Jul/Aug 1999. Vol. 17. |
|                     | AJ | "Yellow-Green emission for ETS-LEDs and Lasers based on a strained InGaP quantum well heterostructure grown on a transparent, compositionally graded AlInGaP buffer," McGill et al. <i>Mat. Res. Soc. Symp.</i> 2003: Vol. 744.   |
|                     | AK |   |
|                     | AL |   |
|                     | AM |   |
|                     | AN |   |

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.